

Application No. 10/009,398

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Currently Amended) A filtering device for a narrow-band terminal in a private installation connected to an access network carrying narrow-band services (~~analogue or ISDN~~) and broad-band services (~~xDSL or HomePNA~~), ~~characterised in that it comprises~~ comprising low-pass filtering circuitry means [[F]] and isolation circuitry means [[I]] ~~comprising Zener diodes in opposite orientations and disposed in series~~, enabling the device to have a high input impedance isolating it from the installation when the narrow-band terminal is in the on-hook state ~~whilst~~ while allowing the ringing signal to pass and the filtering circuitry further including a first second-order LC filter of high impedance, placed at the input of the device on the private installation side and a second filter, the second filter being coupled to the first second order LC filter by the isolation circuitry, wherein activation of the second filter depends directly on the isolation circuitry.

2. (Currently Amended) A filtering device according to Claim 1, ~~characterised in that~~ wherein the filtering circuitry means include includes one or more low-pass filters.

3. (Cancelled)

4. (Currently Amended) A filtering device according to Claim 1, ~~characterised in that~~ wherein the filtering circuitry means [[F]] ~~include~~ includes a filter of the LC type the filter

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comprising inductors and a capacitor and in that the isolation circuitry means (I) are placed between the inductors and the capacitor of the said filter.

5. (Currently Amended) A filtering device according to Claim 1, ~~characterised in that~~ wherein the filtering and isolation circuitry means are functionally distinct.

6. (Currently Amended) A filtering device according to Claim 1, ~~characterised in that~~ wherein the filtering and isolation circuitry means are functionally interlinked.

7. (Currently Amended) A filtering device according to Claim 6, ~~characterised in that~~ wherein low-pass filter LC includes a capacitor and at least one relay controlling the bringing into service of the capacitor in the filter.

8. (Currently Amended) A filtering device according to Claim 6, ~~characterised in that~~ wherein the filtering circuitry means include a second-order LC filter $[(F)]$, and in that the isolation circuitry means (I) are placed on each side of the capacitor $[(C1)]$ of the said filter and in that it also comprises at least two other capacitors $[(C')]$ each being placed in parallel to the assembly formed by the isolation circuitry means and the capacitor of the filter.

9. (Cancelled)

10. (Currently Amended) A filter device according to Claim 9, ~~characterised in that~~ wherein the second filter includes a capacitor $[(C1)]$ in parallel to the capacitor $[(C2)]$ of the LC filter placed in the isolation circuitry means or after the $[[\text{said}]]$ isolation circuitry means.

11. (Currently Amended) A filtering device according to Claim 9, ~~characterised in that~~ wherein the isolation circuitry means $[(I)]$ are placed after the capacitor $[(C2)]$ of the LC filter, and in that capacitor of the second filter $[(C1)]$ is placed in the isolation device $[(I)]$ and

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in that the other two capacitors $[(C')]$ are each placed in parallel to the assembly formed by the isolation circuitry means and the capacitor $[(C1)]$ of the second filter.

12. (Currently Amended) A private installation comprising at least one narrow-band terminal and at least one broad-band terminal, connected to an access network carrying narrow-band services and broad-band services, characterised in that it includes at least one filtering device according to ~~one of the preceding claims~~ Claim 1.

13. (Currently Amended) A private installation according to Claim 12, ~~characterised in that~~ wherein the device is placed at the input of the narrow-band terminal on the network access or on $[[the]]$ a lead connecting the terminal to the network.

14. (Currently Amended) A private installation according to Claim $[[14]]$ 12, ~~characterised in that~~ wherein the device is placed in the narrow-band terminal.

Please add new claims 15-16.

15. (New) A filtering device according to Claim 1, wherein the isolation circuitry comprises Zener diodes in opposite orientations and disposed in series

16. (New) A filtering device according to Claim 10, wherein the isolation means is placed after the capacitor of the LC filter, and in that capacitor of the second filter is placed in the isolation device and in that the other two capacitors are each placed in parallel to the assembly formed by the isolation means and the capacitor of the second filter.